

ABSTRACT

The invention relates to compositions intended to be applied to surfaces of freshly poured mortar and/or concrete mixes, before the start of setting, in order to prevent the evaporation of water needed for them to set and harden, which are distinguished by the fact that, for the purpose of making them synergistic with regard to water retention, they are composed, in the form of aqueous emulsions, of:

- a) at least one petroleum-derived or synthetic paraffin wax containing, as a mixture, saturated and unsaturated aliphatic hydrocarbons of general formulae C_nH_{2n+2} and C_nH_{2n} for which n is at least equal to 30 and the melting point of which is between 40°C and 75°C;

- b) at least one linear and/or cyclic hydrocarbon oil, of aliphatic and/or naphthenic origin, which are hydrocarbon chains, by themselves or as a mixture, of general formulae C_nH_{2n+2} and C_nH_{2n} for which n is less than 30, in a liquid state at room temperature; and/or

- c) at least one oil formed from at least one ester resulting from the condensation reaction between a saturated and/or unsaturated fatty acid and a monohydric, dihydric or trihydric alcohol.